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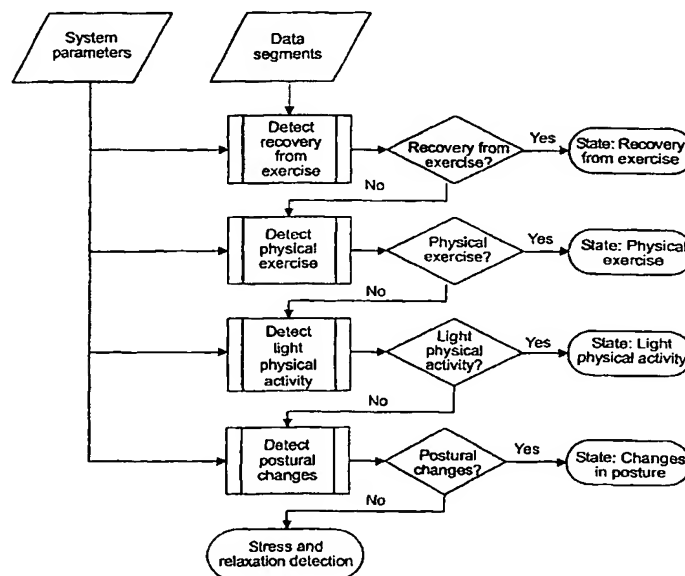
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(54) Title: PROCEDURE FOR DETECTION OF STRESS BY SEGMENTATION AND ANALYSING A HEART BEAT SIGNAL



(57) Abstract: The invention relates a procedure for the detection of stress state, wherein ambulatory heart beat signal is measured. In the first phase segments are defined from heart beat signal with a chosen rule for segmentation. Then at least one segment describing a physiological state with elevated cardiac activity due to physical workload and/or increased metabolic rate is identified and excluded, if exists, and segments other than the excluded segments are detected for a potential stress state, which is identified using a predetermined rule for the heart beat signal.

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